



IAP12 Rec'd PCT/PTO 19 MAR 2007

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

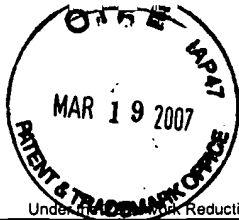
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/561,225
		Filing Date	December 19, 2005
		First Named Inventor	Antii Kemppainen
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	10	Attorney Docket Number	43289-226402

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Part 2 Copy of Notice Declaration; Assingment w/Recordation Coversheet.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VENABLE LLP		
Signature			
Printed name	Eric J. Franklin		
Date	March 19, 2007	Reg. No.	37,134



Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2006		Complete if Known	
		Application Number	10/561,225
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	December 19, 2005
		First Named Inventor	Antti Kemppainen
		Examiner Name	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT		(\$)	40.00
		Attorney Docket No.	43289-226402

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 20 = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 3 = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee (\$) **Fee Paid (\$)**

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**

_____ - 100 = _____ / 50 _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ... 40.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	37,134
Name (Print/Type)	Eric J. Franklin	Telephone	(202) 344-4936
		Date	March 19, 2007



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kemppainen et al.

Art Unit: Not Yet Assigned

Application No: 10/561,225

Examiner: Not Yet Assigned

Confirmation No: 9295

Filed: December 19, 2005

Atty. Docket No: 43289-226402

For: A METHOD AND AN APPARATUS FOR
MANUFACTURING AN ELECTRIC THIN-
FILM COMPONENT AND AN ELECTRIC
THIN-FILM COMPONENT

Customer No:

26694

PATENT TRADEMARK OFFICE

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements – Filing Date Granted mailed January 22, 2007, Applicant respectfully submits a Combined Declaration and Power of Attorney, an Assignment with Recordation coversheet and Part 2 Copy of Notice.

Please charge our Deposit Account No. 22-0261 in the amount of \$40.00 covering the fee set forth in 37 CFR 1.21(h). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 43289-226402.

Dated: March 19, 2007

Respectfully submitted,

By 

Eric J. Franklin

Registration No.: 37,134

VENABLE LLP

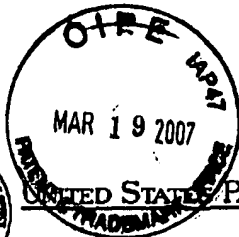
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Attorney/Agent For Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

EJF

U.S. APPLICATION NUMBER NO. 10/561,225	FIRST NAMED APPLICANT Antti Kemppainen	ATTY. DOCKET NO. 43289-226402
		INTERNATIONAL APPLICATION NO. PCT/FI04/50098
		I.A. FILING DATE 06/18/2004
		PRIORITY DATE 06/19/2003

Venable
 P O Box 34385
 Washington, DC 20043-9998

CONFIRMATION NO. 9295

371 FORMALITIES LETTER



OC000000022084357

Date Mailed: 01/22/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/19/2005
- Copy of the International Search Report filed on 12/19/2005
- Preliminary Amendments filed on 12/19/2005
- Information Disclosure Statements filed on 12/19/2005
- Request for Immediate Examination filed on 12/19/2005
- U.S. Basic National Fees filed on 12/19/2005
- Priority Documents filed on 12/19/2005
- Specification filed on 12/19/2005
- Claims filed on 12/19/2005
- Abstracts filed on 12/19/2005
- Drawings filed on 12/19/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U S APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO	ATTY. DOCKET NO.
10/561,225	PCT/FI04/50098	43289-226402

FORM PCT/DO/EO/905 (371 Formalities Notice)